

SAI MEGHANA GUTHULA

EDUCATION

MASTER OF SCIENCE IN INFORMATION SYSTEMS

Saint Louis University; GPA: 4.00/4.00

Expected Graduation: May 2025

Courses: Software Development, Enterprise Architecture, Information Systems and Strategy Management, Web Development, Information Retrieval.

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Aditya Engineering College; GPA: 3.20/4.00

August 2019 – April 2023

Relevant Coursework: Covered data structures and algorithms studied database systems, SQL, and database, design principles, developed proficiency in OOP using Java, including inheritance and polymorphism.

EXPERIENCE

FRONTEND DEVELOPER INTERN

Value Momentum | Hyderabad | JULY 2022 - MAY 2023

- Proficient Experience in developing interactive web pages using technologies like HTML5, CSS3, jQuery, Bootstrap, JavaScript, TypeScript, Angular JS, React JS for providing the user interface and communication between the client and the server.
- Enhanced the usability of existing applications by applying the latest accessibility standards and best practices.
- Collaborated with project managers and team to successfully deliver projects on time, resulting in an increase in organizational efficiency.
- Experienced in working on Software Development Life Cycle (SDLC) with a blend of proficiency and leadership in AGILE-SCRUM and Test-Driven Development (TDD).
- Experience in working with Agile and Waterfall methodologies and worked on various Service Oriented, Client/Server, GUI, and Web based applications.
- Experience in CI/CD pipelines with Jenkins, bamboo, using OpenShift and Kubernetes for the Microservices Architecture and for Container management using Docker.

UNDERGRADUATE RESEARCH ASSISTANT

Aditya Engineering College, Information Technology| Publication Date – 19/04/2023

Project Title: "Toxic Comment Classification on Social Networking Sites Based on Machine Learning"

- Conducted extensive research on data cleaning techniques, and a comments classifier using Random Forest ML on Kaggle and manual user Dataset.
- Authored and published a "Toxic Comment Classification on Social Networking Sites" research paper in the International Journal of Research Publication and Reviews.
- Developed and implemented advanced feature engineering techniques to enhance the performance of the toxic comment classifier. This involved extracting and selecting relevant features from textual data, utilizing techniques such as TF-IDF.

Project Title: "Creating CI/CD Pipeline Using Jenkins"

- Spearheaded the development and deployment of a robust Continuous Integration/Continuous Deployment (CI/CD) pipeline utilizing Jenkins automation server.
- Collaborated with cross-functional teams to integrate essential tools and technologies into the CI/CD pipeline, including version control systems (Git), automated testing frameworks (JUnit, Selenium) and deployment automation scripts.
- Successfully streamlined development workflows and ensured consistent code quality throughout the software development lifecycle.
- By implementing the Jenkins CI/CD pipeline, contributed to a substantial improvement in development velocity and product quality.

SKILLS

- Web Technologies HTML, CSS3, jQuery, Bootstrap, JavaScript, TypeScript, Angular JS, React JS Bootstrap.
- Languages: Python, C++, Linux
- DevOps Tools Docker, Kubernetes, Git
- SDLC Agile, Scrum & Waterfall.
- Databases MySQL, Mongo DB
- IDE: Eclipse, Visual Studio code, Jupiter notebook, Sublime Text, SQL Server Management Studio, PyCharm, IDLE.

EXTRA-CURRICULAR ACTIVITIES & ACHIEVEMENTS

- Participated in 24- and 48-hour Hackathons, showcasing rapid problem-solving and Teamwork.
- Received 2 star-coders in Code-Chef and solved more than 150+ problems on Leet-code.